

HORTOLOMEI,N.,Academician; GHITESCU,T.; GATOSCHI,Gh.; STEFANESCU,Tr.;
BOIU,S.; PROINOV,Fr.

Experimental and clinical research on coronary circulation.
Probl. ter.,Bucur. 10 no.3:77-85 '59.
(CORONARY VESSELS,physiology)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020020-2

MARINESCU, Voinea, prof.; SETLACEC, D.; GHITESCU, T.; STEFANESCU, Tr.

Correction of an interatrial septal defect associated with anomalies
in the implantation of the right pulmonary veins. Rumanian M Rev.
no.2:58-62 Ap-Je '60.

(HEART SEPTUM abnormalities) (PULMONARY VEINS abnormalities).

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020020-2"

KLEINERMAN, Par L.; GHITA, M.; STEFANESCU, T.; ILIESCU, M.; BANDU, I.;
GUTA, G.

The importance of intracavitory electrocardiography for the diagnosis
of Ebstein's anomaly complicated by auricular fibrillation. Cor Vasa 3
no.3:231-237 '61.

1. Centre cardiologique "ASCAR", Institut de Pharmacie et de Médecine,
Bucarest.

(HEART DEFECTS CONGENITAL diag)
(AURICULAR FIBRILLATION diag)
(ELECTROCARDIOGRAPHY)

ILIESCU, C. C., prof.; KLEINERMAN, L., dr.; STEFANESCU, T., dr.; GHITA, M., dr.;
BANDU, I.; EFRAIM, M., dr.; GUTA, G., dr.

Left heart catheterization by the trans-septal route. Med. intern. 13
no.11:1485-1489 N '61.

1. Lucrare efectuata la A.S.C.A.R. Bucuresti.

(HEART CATHETERIZATION)

STEFANESCU, T.

ILIYESKU, K.K., prof. [Ilieșcu, K.K.]; KLEYNERMAN, L., doktor; STEFANESCU, T.,
doktor; GITSE, M., doktor; BANDU, I., doktor; YEFRAIM, M., doktor;
ROSHETSYANU, Zhorzhetta, doktor

Catheterization of the left heart through the interauricular septum.
Kardiologiya 2 no.1:9-13 Ja-F '62. (MIRA 15:5)

1. Iz kardiologicheskoy kliniki (dir. - prof. K.K.Iliyesku) Bukharetskogo
mediko-farmatsevticheskogo instituta.
(HEART--EXAMINATION) (CATHETERS)

STEFANESCU, Tr., ing.

Tannin absorption by gelatinized leather in various stages
of manufacture. Industria usoara 3 no.9:356-362 S '56.

MANOLIU, N.; BRAILOIU, A.; BUSTEA, Ch.; STEFANESCU, V.

Evolution of pathogen staphylococcal carriers in the hospital medium during the 1955-1959 period and the attempt to exterminate them by the C₄ detergent. Microbiologia (Bucur) 6 no.1:62 Ja-F '61.

1. Spitalul nr.12 Bucuresti.

*

STEFANESCU, V.; MANOLIU, N.; BRAILOIU A.; BUSTEA, Ch.

On the death mechanism of mice inoculated with pathogen staphylococcal culture by the intrapleural way. Microbiologia (Bucur) 6 no.1:63 Ja-F '61.

1. Institutul "Dr.I.Cantacuzino" si Spitalul de stat nr.12 Bucuresti.

*

STEFANESCU, V.

Emergency x-ray examination in digestive hemorrhages. Med. int., Bucur.
10 no. 4:617-620 Apr 58.

1. Clinica a II-a chirurgicala I. C. Primu, Bucuresti.
(GASTROINTESTINAL SYSTEM, hemorrhage
diag., x-ray)

STEFANESCU, V.; MANOLIU, N.; BRAILLOIU, Al.; BUSTEA, Ch.

A new method for the determination of the pathogenicity of Staphylococcus strains in animals. Rumanian M. Rev. 3 no.1:13-14 Jan-Mar 59.

(MICROCOCCUS

pathogenicity for animals, determ. technic)

(ANIMALS, dis.

micrococcal pathogenicity, determ. technic)

MANOLIU,N.; BRAILIU,A.; BUSTEA,Gh.; STEFANESCU,V.

Staphylococcal infections and the phage-type. Romanian M. Rev.
3 no.3:43-44 J1-S '59.

1. State Hospital No.12,Bucharest.
(STAPHYLOCOCCAL INFECTIONS)
(BACTERIOPHAGE)

TURAI, I., prof.; PAPAHAGI, E.; MAXIMILLIAN, V.; CIOCHINA-BAESCU, C.;
~~STEFANESCU~~, V.; JERCAN-ALBU, M.; PETRUSCU, C.; CHIREA, B.;
ROSALA, E.

Paresis of the right diaphragmatic dome. Rumanian M Rev. no.2:
63-66 Apr-Ju '60.

(DIAPHRAGM diseases)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020020-2

TSURAI, I., PAPAKHADZHI, E., MAKSIMILIYAN, V.; CHOKINE-BZNESKU, K.;
SYTEFENESKU, V.; ZHERKAN-ALBU; PETRESKU, K., KUREA, B., ROSHALE, E.

Paralysis of the right half of the diaphragm. Vest. khir. 84 no.5:
26-32 My '60. (MIRA 13:12)
(DIAPHRAGM--DISEASES)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653020020-2"

TURAI, I., prof.; SOARE, M., dr.; CALALB, A., dr.; STEFANESCU, V., dr.;
ROSEALA, E., dr.

Costal phlebography as a method of exploration in portal hypertension.
Med. intern., Bucur 13 no.1:143-147 Ja '61.

(HYPERTENSION, PORTAL diagnosis)
(ANGIOGRAPHY)

STEFANESCU GOANGA, A.

Improvement of the quality of certain betons by injecting cement mortar. p.88.

REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si Ministerul Constructiilor si al Materialelor de Constructii) Bucuresti, Rumania. Vol. 11, no. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

RUMANIA / Human and Animal Morphology. Anatomical and S-1
Respiratory System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64715.

Author : Carpinisan, C., Stefanescu-Mindru, C., Cicbanu, C.

Inst : Not given.

Title : In Regard to One Case of Agenesis of the Left Lung.

Orig Pub: Friziologia, 1957, 6, No 6, 554 - 558.

Abstract: A case of agenesis of a lung in man is described with aglasia of the left bronchial tree, which was arrested in its growth in intra-uterine life, and which represented a rudimentary bronchus with a closed distal terminus. Of the left lung there remained only a thin membrane without any parenchymal structure.

Call 1/1

CARPINISAN, C., Prof.; STEFANESCU-MINIRU, C.; CSIZER, Z.

Contributions to the study of Holst and Bjork osteoplastic thoracoplasty.
Rumanian M. Rev. 2 no.2:38-39 Apr-June 58.

(COLLAPSE THERAPY

Holst-Bjork osteoplastic thoracoplasty)

CARPINISAN,C.,prof.; STEFANESCU-MINDRU,C.,dr.; AUREL,Stan,dr.

Considerations on mediastinal tumors. Med. int.,Bucur. 11 no.11:
1625-1631 N ° 59.

1. Lucrare efectuata in Clinica de chirurgie torcica, Spitalul
"Filaret",Bucuresti.
(MEDIASTINUM, neoplasms)

STEFANI, B.

Diagrams of 110 kw. transmission lines of any length. p. 24.

Periodical: ELEKTROPRIVREDA.

Vol. 12, no. 1, Jan. 1959.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Unclassified.

SHEVCHENKO, V. N., and T. I. PAVLOVA

biochemical analysis of the products of the papain proteolysis
of equine tetanus antitoxic gamma globulin. Voprosy Klin. i
pr. 312/3-283. Byeloj. 1964
(MIRA 1350)

d. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR,
Moskva.

43485

S/205/62/002/006/012/021
E027/E410

AUTHORS: Kaulen, D.R., Lebedev, K.A., Stefani, D.V.

TITLE: The production of homologous bone marrow chimaeras in guinea-pigs

PERIODICAL: Radiobiologiya, v.2, no.6, 1962, 873-877

TEXT: The authors have investigated the effect of intravenous injection of homologous haemopoietic tissue in guinea-pigs subjected to X-irradiation in a dose of 600 to 650 r. Each recipient received cells from only 1 donor; the total dose in various experiments amounted to 200×10^6 bone marrow cells, 150×10^6 spleen cells or 100×10^6 lymph node cells. The cumulative mortality in treated and control animals at various times up to 53 days after irradiation was tabulated. The control animals had all died by the 18th day but there was a marked delay and reduction in mortality in animals given bone marrow cells intravenously, bone marrow and spleen cells together, and bone marrow cells injected into the femoral epiphysis; the latter method of administration did not show any advantage over intravenous injection. The sparing effect of bone marrow cells

Card 1/2

The production of homologous ...

S/205/62/002/006/012/021
E027/E410

appeared to be abolished if lymphocytes were given at the same time.
There are 2 figures and 1 table.

ASSOCIATION: Institut epidemiologii i mikrobiologii im.
N.F.Gamalei AMN SSSR, Moskva (Institute of Epidemiology
and Microbiology imeni N.G.Gamalei AMS USSR, Moscow)

SUBMITTED: December 27, 1961

Card 2/2

SUPRASOV, A.A., KUL'BERG, A.Ya., SHAKHANINA, R.I.

Characteristics of the immunochemical structure of antitoxic
 $\beta_{2,4}$ -globulin derived from horses. Vop. med. khim. 11
no.4;34-38 J1-Ag '65. (MIRA 18)8

I. N.F. Gamalei Institute of Epidemiology and Microbiology,
Academy of Sciences of the U.S.S.R., Moscow.

STEFANI, N.V.

Changes in the amino acid composition of urine in children with
rheumatism. Vop. okh. mat. i det. 6 no.5:34-38 My '61.
(MIRA 14:10)

1. Iz kafedry gospital'noy pediatrii (zaveduyushchiy - prof. P.D.
Davydov) Rostovskogo-na-Donu meditsinskogo instituta.
(AMINO ACIDS) (RHEUMATIC FEVER)

TRAPEZNIKOV, V.A., akademik, glav. red.; AYZERMAN, M.A., doktor tekhn. nauk, red.; AGEYKIN, D.I., kand. tekhn. nauk, red.; ARTOBOLEVSKIY, I.I., akademik, red.; BATRACHENKO, L.P., inzh., red.; VORONOV, A.A., doktor tekhn. nauk, red.; GAVRILOV, M.A., doktor tekhn. nauk, red.; DIKUSHIN, V.I., akademik, red.; KARIBSKIY, V.V., kand. tekhn. napk, red.; KOGAN, B.Ya., kand. tekhn. nauk, red.; KRASIVSKIY, S.P., red.; KULEBAKIN, V.S., akademik, red.; LERNER, A.Ya., doktor tekhn. nauk, red.; LETOV, A.M., kand. tekhn. nauk, red.; MEYEROV, M.V., doktor tekhn. nauk, red.; PETROV, B.N., akademik, red.; PUGACHEV, V.S., doktor tekhn. nauk, red.; SOTSKOV, B.S., red.; STEFANI, Ye.M., kand. tekhn. nauk, red.; KHARAMOY, A.V., kand. tekhn. nauk, red.; TSYPKIN, Ya.Z., doktor tekhn. nauk, prof., red.; CHELYUSTKIN, A.O., kand. tekhn. nauk, red.; CHILIKIN, M.G., doktor tekhn. nauk, red.; NAUMOV, B.N., kand. tekhn. nauk, red.; KASHINA, P.S., tekhn. red.

[Transactions of the International Federation of Automatic Control, 1st International Congress, Moscow, 1960] Trudy I Mezhdunarodnogo kongressa Mezhdunarodnoi federatsii po avtomaticheskому upravleniiu. Moskva, Izd-vo Akad. nauk SSSR. Vol.2. [Theory of discrete systems, optimal systems, and adaptive automatic control systems] Teoriia diskretnykh, optimal'nykh i samonastraivaiushchikhsia sistem. 1961. 996 p.
(MIRA 14:9)

1. International Federation of Automatic Control, 1st International Congress, Moscow, 1960. 2. Chlen-korrespondent AN SSSR (for Sotskov)
(Automatic control)

ORSHANSKIY, D.L., gl.red. ARUTYUNOV, K.B., red.; VORONOV, A.A., red.;
KARANDEYEV, K.B., red.; KARIBSKIY, V.V., red.; KRASIVSKIY,
S.P., red.; KULEBAKIN, V.S., red.; LOGINOV, L.I., red.;
LUKIN, V.I., red.; MALOV, V.S., red.; PAVLENKO, V.A., red.;
PETROV, B.N., red.; RAKOVSKIY, M.Ye., red.; SMAGLY, L.V.,
red.; SMIRNOV, A.D., red.; SOTSKOV, B.S., red.; STEFANI,
Ye.P., red.; TRAPEZNIKOV, V.A., red.; TSAREVSKIY, Ye.N.,
red.; LEONOVA, Ye.I., tekhn. red.

[EIKA; encyclopedia of measurements, control and automation]
EIKA; entsiklopedia izmerenii kontrolia i avtomatizatsii.
Moskva, Gosenergoizdat. No.1. 1962. 243 p.
(MIRA 16:3)

(Instruments) (Automation) (Mensuration)

STEFANI, YE. P.

PA 233T26

USSR/Engineering - Automatic Control, Jul 52
Regulation

"Calculating the Adjustment of a Regulator Acting According to Deviation of Regulated Value, Its Variation Rate and Acceleration," Ye. P. Stefani, Cand. Tech. Sci., Stalin Prize Laureate, Lab of Automatic Regulation

"Iz V-S Teplotekhn Inst" No 7, pp 6-11

Calculates adjustment of regulation in application to single-capacity plants with transportation lag and without self-regulation. Discusses 2 types of regulators similar to those whose action is proportional not only to deviation of

233T26

regulated variable and its 1st deriv, but also to 2d deriv in time. They are: isodrone regulator with addnl impulse from variation rate of regulated plant and electronic regulator with flexible feedback with time lag.

233T26

STEFANI, E. P.

AID - P-13

Subject : USSR/Engineering

Card : 1/1

Author : Stefani, E. P., Moscow Laureate of Stalin Prize.

Title : Regulator with rigid return link and with additional impulse to the velocity of change of the regulated magnitude.

Periodical : Izv. V. T. I., 21, #1, 9-13, Ja 1952

Abstract : A method of automatic regulation of thermopower objectives is presented. Control of magnitude and velocity of variation of maximum deviation of regulated values (temperature, pressure, etc.) and remaining non-uniformity are described. The expanded characteristic of phase amplitude of regulating zone, of regulator, and of open system of regulation were analytically formulated with parameters of the regulator. The method is illustrated with 4 charts and diagrammatic arrangement of installation mentioned. Seven Russian references are given.

Institution : VTI Laboratory of autoregulation.

Submitted : October 4, 1951.

USSR/Engineering - Automatic Control,
Regulators

Dec 52

"Determination of the Tuning of Regulators for
Quantities Without Self-adjustment," Cand Tech Sci
Ye. P. Stefani, Stalin Prize Laureate, Section of
Heat Automatics

Iz V-S Teplotekh Inst, No 12, pp 1-7

Recognizing general possibility of using aligned
curves of acceleration for calcg tuning of regula-
tors, establishes that alignment is not expedient
in cases where acceleration curve of controlled

248T84

quantity differs considerably from aligned curve, as
occurs in regulation of certain heat power quanti-
ties. Develops methods of approximate detn of tun-
ing parameters for regulators with feedback. 248T84

MIRONOV, Vadim Dmitriyevich; STEFANI, Evgeniy Pavlovich; DULEYEV,
Ye. M., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor.

[Electronic automatic regulators of heating processes]
Elektronnye avtomaticheskie regulatory teplovых protsessov.
Moskva, Gos.energ.izd-vo, 1955. 223 p. (MLA 8:12)
(Heat engineering) (Automatic control)

AID P - 2759

Subject : USSR/Engineering
Card 1/1 Pub. 110-a - 1/14
Author : Stefani, E. P., Kand. Tech. Sci.
Title : Present conditions and problems of automation at
new large thermal power plants
Periodical : Teploenerg, 9, 3-7, S 1955
Abstract : The introduction of automation at existing power
plants is considered and advantages of automatic
equipment are stressed. The shortcomings and
slowness in installing new devices due to the
lack of good organization are analyzed and
criticized. The necessity of building new power
plants equipped with automatic devices is stressed.
Institution : All-Union Heat Engineering Institute
Submitted : No date

STEFANI, Ye. P., Cand. Tech. Sci.

"Elektronisches System des Allunions-wärmotechnischen Institutes für die
automatische Steuerung von wärmotechnischen Prozessen," List of General Reports and
Papers presented at the Fifth World Power Conference, Vienna, 10 January 1956, pg 29.

E-2298

STEFANI, HC 1

PHASE I BOOK EXPLOITATION 941

Avtomatizatsiya energosistem i elektrostantsiy (Automatic Control in Power Systems and Electric Power Stations) Moscow, AN SSSR, 1957. 105 p. (Series: Obzory po novoy tekhnike. Seriya "Energetika") 5,000 copies printed.

Sponsoring Agencies: 1. Gosudarstvennoye izdatel'stvo tekhnicheskoy literatury; 2. Akademiya Nauk SSSR; 3. Vsesoyuznyy institut nauchnoy i tekhnicheskoy informatsii.

Ed.: Chuprakov, N.M.; Tech. Ed.: Shvetsov, M.P.

PURPOSE: This monograph is addressed to power engineers and technicians interested in problems and recent developments in the automation and telemechanization of electric power plants and power systems.

COVERAGE: This brochure is a survey of problems in the automation of power systems insofar as they concern the joint operation of the electric power plants constituting each system, and the operation of

Card 1/5

Automatic Control in Power Systems (Cont.) 941

interconnected power systems. Problems in the telemechanization of dispatcher control of power systems and interconnected power systems are also examined. Technical solutions concerning the automation of technological processes and of control in thermal and hydro-electric power stations are also discussed. Problems in the automation and telemechanization of electrical networks have not been made the object of an independent survey. For this reason they are discussed at the same time with problems of power system automation, briefly in the section on distributing networks (transit interstation and intersystem electric transmission lines) and more extensively in connection with the basic circuits determining the operation of power systems and their combinations. No personalities are mentioned. There are 34 references, of which 19 are Soviet, 13 English, and 1 French.

Preface

3

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Zeylidzon, Ye. D., Engineer, Automation of Power Systems	5
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 <u>Stefani, Ye.P.</u> , Candidate of Technical Sciences, Docent.	
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Card 4/5

SHUMILOVSKIY, Nikolay Nikolayevich, prof., doktor tekhn.nauk; MEL'TTSER,
Lei' Vladimirovich, kand.tekhn.nauk; ANTIK, I.V., red.; VESHE-
NEVSKIY, S.N., red.; KULEBAКIN, V.S., red.; SMIRNOV, A.D., red.;
SOTSKOV, B.S., red.; STEFANI, Ye.P., red.; IORDAN, G.G., red.;
BOHUNOV, N.I., tekhn.red.

[Using nuclear radiation in units for automatic control of
industrial processes] Primenie iadernykh izlucheniĭ v ustroistvakh
avtomaticheskogo kontrolia tekhnologicheskikh protsessov. Moskva,
Gos.energ.izd-vo, 1958. 95 p. (Biblioteka po avtomatike, no.1)
(Automatic control) (Radioisotopes--Industrial applications)

MALOV, Vladimir Sergeyevich; ZHUKHOVITSKIY, B.Ya., red.; ANTIK, I.V., red.; VESHENEVSKIY, S.N., red.; KULEBAКIN, V.S., red.; SMIRNOV, A.D., red.; SOTSKOV, B.S., red.; STEPANI, Ye.P., red.; SHUMILOVSKIY, N.N., red.; VORONICH, K.P., tekhn.red.

[Remote control] Telemekhanika. Moskva, Gos.energ.izd-vo, 1960.
93 p. (Biblioteka po avtomatike, no.13)

(MIRA 14:3)

(Remote control)

IL'IN, Viktor Aleksandrovich; KUZNETSOV, N.A., red.; ANTIK, I.V., red.;
VESHENEVSKIY, S.I., red.; KULEBAКIN, V.S., red.; SMIRNOV, A.D.,
red.; SOTSKOV, B.S., red.; STEPANI, Ye.P., red.; SHUMILOVSKIY,
N.N., red.; LARIONOV, G.Ye., tekhn.red.

[Remote-control systems for widely-separated objects] Sistemy
telemekhaniki dlia rassredotochennykh ob"ektov. Moskva, Gos.
energ.izd-vo, 1960. 110 p. (Biblioteka po avtomatike, no.15).
(MIRA 14:3)

(Remote control)

VOLOSNIKOV, Vladimir Petrovich; SIROTIN, A.A., kand.tekhn.nauk, red.;
ANTIK, I.V., red.; VESHENEVSKIY, S.I., red.; KULEBAКIN, V.S.,
red.; SMIRNOV, A.D., red.; SOTSKOV, V.S., red.; STEPANI, Ye.P.,
red.; SHUMILOVSKIY, N.N., red.; BORUNOV, N.I., tekhn.red.

[Use of computers for automating electric drives] Ispol'zovanie
vychislitel'nykh mashin dlia avtomatizatsii elektroprivodov.
Moskva, Gos.energ.izd-vo, 1960. 119 p. (Biblioteka po avtomatike,
no.17). (MIRA 14:3)

(Automatic control) (Electronic calculating machines)
(Electric driving)

BONDARENKO, Prokofiy Stepanovich; BYCHKOV, V.P., red.; ANTIK, I.V., red.;
VESHENEVSKIY, S.P., red.; KULEBAKIN, V.S., red.; SMIRNOV, A.D.,
red.; SOTSKOV, B.S., red.; STEFANI, Ye.P., red.; SHUMILOVSKIY,
N.N., red.; BYCHKOV, V.P., red.; VORONIN, K.P., tekhn.red.

[Automatic control of blast-furnace processes by means of
computers] Avtomatizatsiya protsessov domennogo proizvodstva
s primenением schetno-reshaiushchikh ustroistv. Moskva, Gos.
energ.izd-vo, 1960. 143 p. (Biblioteka po avtomatike, no.20)
(MIRA 14:3)

(Blast furnaces)

(Automation)

VOROB'YEVA, Tamara Mikhaylovna; ANTIK, I.V., red.; VESHENEVSKIY, S.N.,
red.; KUL'BAKIN, V.S., red.; SMIRNOV, A.D., red.; SOTSKOV,
B.S., red.; STEFANI, Ye.P., red.; SHUMILOVSKIY, N.N., red.;
KUZNETSOV, N.A., red.; LARIONOV, G.Ye., tekhn. red.

[Electromagnetic clutches] Elektromagnitnye mifty. Moskva,
Gos. energ. izd-vo, 1960. 206 p. (Biblioteka po avtomatike,
no.18) (MIRA 14:5)

1. Chlen korrespondent AN SSSR (for Sotkov)
(Clutches (Machinery)) (Electric controllers)

STEFANI, Yevgeniy Pavlovich; DAVYDOV, N.I., red.; VORONIN, K.P.,
tekhn.red.

[Principles of calculating the adjustment of controllers of
heat engineering processes] Osnovy rascheta nastroiki regulia-
torov teploenergeticheskikh protsessov. Moskva, Gos.energ.
izd-vo, 1960. 327 p. (MIRA 13:10)
(Automatic control) (Heat engineering)

S/096/60/000/06/001/025
E194/E284

AUTHOR: Stefani, Ye. P., Candidate of Technical Sciences
TITLE: Some Questions on Automation of Heat and Electric Power
Stations

PERIODICAL: Teploenergetika, 1960, Nr 6, pp 3-7 (USSR)

ABSTRACT: Automation of power generation equipment is reviewed in general terms and although considerable successes have been achieved neither the rate of introduction of automation nor the type of automation currently available can be considered satisfactory. The further development of automation is retarded by the very low degree of mechanisation of certain processes in power stations, particularly those concerned with fuel and ash handling and water purification. Several new types of controller are required particularly for water processing. Protective equipment needs improving, particularly, for example, automatic protection against boiler tube failures. In many power stations central control panels have been installed at considerable expense but have resulted in no economy of operating staff and the advisability of continuing this trend is doubtful. The boiler turbine unit should be considered from an entirely new standpoint

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S/096/60/000/06/001/025
E194/E284

Some Questions of Automation of Heat and Electric Power Stations
and in automation it should be treated as an organic whole. Power system conditions are such that it is particularly necessary to be able to change the load on a set quickly. At present, the load on a boiler can be varied only over a range of 30 to 40% so that the set cannot be run at less than 60% of maximum load, whereas under no-load conditions a condensing turbine requires less than 10% of the rated steam consumption. It is also important that transient changes in turbine speed or steam temperature and pressure should be rapid whereas many boilers are of unsatisfactory dynamic characteristics. In future, the dynamic characteristics of boilers should receive much more attention; it should be possible to express the dynamic characteristics mathematically so that computers may be used to determine the transient performance of boilers thus leading to improved designs. This will permit an integrated approach to the automation of boiler-turbine sets. The Central Scientific Research Institute of Integrated Automation (TsNIIKA) has developed computer methods of making static and dynamic calculations

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S/096/60/000/06/001/025
E194/E284

Some Questions of Automation of Heat and Electric Power Stations

on boilers using the 'Ural' computer so that it is now possible to design boilers quickly and to select the most suitable variant. Hitherto the automation of thermal power stations has been based on the development of control instruments and automatic controllers; recent control panels for large boiler-turbine sets contain large numbers of instruments and control devices. Indeed the number of instruments is so considerable that they cannot all be observed simultaneously; indicating instruments are duplicated by recorders. It is evident that automation based on instruments that measure, record, signal and control, virtually reproducing the operations of manual control cannot give rise to fundamentally new automatic control systems. The new boiler-turbine unit sets require integrated control of high accuracy and it is necessary to proceed from cumbersome control panels with hundreds of instruments to automatic computer type recording and controlling machines which also give a signal when parameters deviate from desired values. At present, the charts from recording instruments take a considerable time to work out and the information obtained from them can

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S/096/60/000/06/001/025
E194/E284

Some Questions of Automation of Heat and Electric Power Stations usually only be applied on the following day, whereas a computer type controller could make the corrections immediately. The use of such controllers is, of course, as yet only in the initial stages of development. The Central Scientific Research Institute of Integrated Automation has commenced the development of controlling machines for integrated automation of boiler-turbine sets. The use of these new machines will make it possible to secure improved performance from power stations. It will be necessary of course, to match the computer-controller to the performance of the boiler-turbine unit, for which purpose mathematical research will be required. The new computer controllers must not only be reliable themselves, but must make the stations more reliable. It should, in the future, be possible to exclude manual participation in the control of power generation. There is 1 figure.

ASSOCIATION: TsNIKA (Central Scientific Research Institute for Integrated Automation)

Card 4/4

STEFANI, Ye.P., kand. tekhn. nauk

Present status and trends in the development of automatic control
systems for thermal electric power plants. Teploenergetika 12 no.4:
2-13 Ap '65. (MIRA 18:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut kompleksnoy
avtomatizatsii.

L 39109-66

ACC NR: AP6030379

SOURCE CODE: UR/0096/66/000/006/0008/0012

AUTHOR: Stefani, Ye. P. (Doctor of technical sciences); Dement'yev, V. A. (Candidate of technical sciences); Dulev, M. A. (Candidate of technical sciences);⁴⁴ Rushchinskiy, V. M. (Candidate of technical sciences); Nechayev, B. Ya. (Engineer)⁴⁵

ORG: TsNIKKA

TITLE: Some results of introduction of automatic control systems of the "Kompleks" type at electric power stations

SOURCE: Teploenergetika, no. 6, 1966, 8-12

TOPIC TAGS: thermoelectric power plant, computer control system, remote control system

ABSTRACT: A description is presented of the "Kompleks" automatic control system, designed for thermoelectric power station equipment; some of the results of introduction of the information portion of this system at two thermal electric power stations are presented. The system consists of the following main parts: the control computer system; the information system; the selective visual control system; the selective remote control system; the mnemonic circuits with signal elements, signal panel and individual measuring instruments for especially important parameters; the control panel. The first model of this system was installed at Heat and Electric Power Station TETs-21 in Moscow. The information portion of the system was used experimentally in 1964, and put into full use after some faults were corrected in 1965. It has been concluded since

UDC: 62-529.621.311.001.42

Card 1/2

Szczecin, A.

"Central Statistical Bureau of the People's Republic of Poland", P. 35%
(CSPW, Vol. 7, No. 5/7, July/Aug. 1974, Katowice, Poland)

60: Monthly List of East European Assessors, (EEL), 1C, Vol. 1,
No. 3, Oct. 1975, "tel."

- 24
- Wojciech, Miedziana Veterinaria, Vol. 18, No. 3, March 1962.
7. "Determination of the Content of Zinc Sulfate in Cattle," Jan PIERNIK of the Higher School of Agriculture (WAT) Faculty of Veterinary Medicine, Prof. Dr. Mieczyslaw GRYGIEROWICZ (Editor); pp. 153-157 (English summary).
 8. "The Use of Detergent Substances for the Stimulation of Retention of Animals," V. TIBOROVIC or Bozena Kaczmarska (Editor); pp. 157-159.
 9. "A Complicated Case of Caesarian Section in a Cow and Some Notes on the Treatment," Janusz BURG of the State Animal Hospital (PAU), Veterinary Zaklad Lekarstw i Przypraw (Editor); pp. 159-160.
 10. "Caesarian Section in Cattle in the Field Practice," Janusz PIETRZAK of the State Animal Hospital (PAU); st. Blacky Projekt; p. 160.
 11. "Prevention and Section of Urinary Bladder in the Cow," Adam KALINOWSKI of the Chair of Veterinary Science, Lublin (Editor); of the Faculty of Veterinary Science, Lublin (Editor); Prof. Dr. Kazimierz WOZNIAK (Editor); pp. 161-162.
 12. "Prevention of Mouth Ulcers Caused by Weeds Treated Against Cattle," Henryk LISI; p. 161.
 13. "Use of Phenacetin in Veterinary Practice," Henryk LISI; p. 161.
 14. "Annual State of Scientific Studies in Veterinary Institutes in the Soviet Union," Stanislaw KRUGS, Anton SFRIGAN, and Iuliusz KOBISTOWICZ; pp. 162-163.
 15. "Veterinary Surgeons for Africa," J. JASTRZEBSKI;
 - pp. 163-166.
 16. "Veterinary Surgeons for Africa," J. JASTRZEBSKI;
 - pp. 163-166.
 17. "Testing of Workers," Jan PIERNIK of the Research Office for the Production of Polio Vaccine (Zaklad Biotechnologiczny) of the Plant for the Production of Veterinary Serum and Vaccines (Veterinary Serum Manufacturer) in Lublin (Editor); Docent Dr. Witold MIREKOWICZ; pp. 166-168.
 18. "Determination of Cholesterin in the Adrenal Glands and Serum of Animals," Barbara STRUMIAK and Tadeusz KAZMIEROWICZ of the Research Office for Experimental Pharmacology and Toxicology (Zaklad Biotechnologiczny) of the Research Institute for Veterinary Science (Instytut Weterynarii) at Pulawy (Director: Docent Dr. Tadeusz KAZMIEROWICZ); pp. 169-172.

AGACIAK, Krystyna; STEFANIAK, Helena

Panogen type liquid seed dressing. Postępy nauk roln 12 no.1:
19-26 Ja-F '65.

1. Institute of Organic Industry, Warsaw.

S. Stefaniak, J.

3561

66.083 : 674.038.3.004.14 : 691.11

Stefaniak, J. The Role of Pressure in Assembling Wooden Watertight Walls.

POL., T.

„Rola ciśnienia przy zestawianiu wodoszczelnych ścian z desek”.
Przemysł Drewniany, Nr. 12, 1954, pp. 17—18, 3 fig., 1 tab.
The Institute of Mechanical Timber Technology of the Poznań High School of Agriculture has conducted research with a view to determining the influence of pressure applied during erection on the watertight properties of wooden assemblies. It was ascertained that the amount of pressure during erection does not affect the permanent watertight properties of wooden walls. The cracks which occur in the event of such walls being exposed to dampness and self drying are not smaller than those occurring in walls which have been erected without using pressure. The results of these experiments tend to prove that it is impossible to use ordinary boards for the construction of such permanently tight wooden assemblies as floors, railway carriage walls and ship's decks.

STEFANIAK, Jan

Influence of the glue content and the pressure applied
on certain mechanical properties of particle board.
Roczniki wyz szkola rol Poznan 16; 141-159 '63.

Studies on the possibilities of gluing wood covered with
dried phenol-formaldehyde resin by using natural glues.
Ibid.:161-172.

1. Department of Mechanical Technology of Wood, College
of Agriculture, Poznan.

URBANSKI,T.; SKOWRONSKA-SERAFIN,B.; STEFANIAK,L.; VENULET,J.; JANOWIEC,M.:
JAKIMOWSKA,K.; URBANSKA,A.

On iso-nicotinoylhydrazone of ethyl acetylacetate and its anti-
tuberculous activity. Bul Ac Pol chim. 6 no.8:475-479 '58.
(EPAI 9:6)

1. Institute of Tuberculosis, Warsaw. Technical University
(Politechnika), Warsaw. Communicated by T.Urbanski.
(Isonicotinoylhydrazone) (Ethyl acetoacetate)
(Tuberculosis)

Country	:	Poland	G-2
Category	:		
Abs. Jour	:		45876
Author	:	Urbanski, T., Serafinowa, P., and Stefaniak, I.	
Institut.	:	Not given	
Title	:	The Preparation of Diacylhydrazines from Acyl-hydrazines	
Orig. Pub.	:	Roczniki Chem, 32, No 4, 957-961 (1958)	
Abstract	:	The hydrazone RCONHN=C(CH ₃)CH ₂ COOC ₂ H ₅ (I, R = γ-C ₆ H ₄ N), obtained by the reaction of isonicotinic acid hydrazide (II) with acetoacetic ester (III), on refluxing in water (2 hrs) is converted to 1,2-diisonicotinoylhydrazine (IV), yield 93%, mp 260-261°; the reaction is accompanied by the formation of small quantities of 4',5'-dimethyl-pyrazolo-(4',3'-5,6)-OX-pyrone, mp 245-246° (from alc). IV is also prepared in 70-78% yields by refluxing an equimolar mixture of II and III	

Card: 1/2

LEDOCHOWSKI, Zygmunt; LEDOCHOWSKI, Andrzej; CHIMIAK, Andrzej; DUTKIEWICZ,
Barbara; BOGUCKA, Maria; WYSOCKA, Barbara; SOKOLOWSKA, Teresa;
WASIELEWSKI, Czeslaw; STEFANIAK, Lech

Research on tumor-inhibiting compounds. I. Synthesis of some
N,N-dimethyl-1, n-diaminoalkanes. Rocznik chemii 33 no.6:1291-1298 '59.
(EEAI 9:9)

1. Katedra Technologii Srodowisk Leczniczych Politechniki, Gdansk i
Pracownia Nr 8 Zakladu Syntezy Organicznej Polskiej Akademii Nauk
Gdansk.
(Tumors) (Amino group) (Paraffins) (Methyl group)

ZODROW, Karol; STEFANIAK, Ojcumila; CHELKOWSKI, Jerzy; MALINSKA, Emilia

Isolation of corrinoids from soil. Acta microbiol. pol. 11 no.4:
341-347 '62.

1. From the Department of Agricultural Microbiology, Agricultural
College in Poznan.
(SOIL MICROBIOLOGY) (VITAMIN B 12)

ZODROW, Karol; CHELKOWSKI, Jerzy; STEFANIAK, Ojcumila; CZARNECKA, Danuta

The effect of different casein hydrolysates on the growth
and biosynthesis of corrinoids by Propionibacteria. Acta
microbiol. pol. 12 no.4:259-262 '63.

1. From the Department of Agricultural Microbiology, College
of Agriculture, Poznan.

(CASEIN) (PROTEIN HYDROLYSATES)
(CULTURE MEDIA) (PROPIONIBACTERIUM)

ZODROW, Karol; STEFANIAK, Ojcumila; CHELKOWSKI, Jerzy;
SZCZEPSKA, Katarzyna

Influence of Ca-pantothenate and biotin on the growth and
biosynthesis of corrinoids by Propionibacteria. Acta microbiol.
pol. 12 no.4:263-266 '63.

1. From the Department of Agricultural Microbiology, College
of Agriculture, Poznan.
(PANTOTHENIC ACID) (BIOTIN) (CULTURE MEDIA)
(PROPIONIBACTERIUM)

ZODROW, Karol; STEFANIAK, Ojcumila

The biosynthesis of factors Y₁ and Y₂ by Propionibacterium shermanii and P. freudenreichii. Acta microbiol. pol. 12 no.4:267-270 '63.

1. From the Department of Agricultural Microbiology, College of Agriculture, Poznan.
(PROPIONIBACTERIUM) (METABOLISM)
(VITAMIN B 12)

L 19764-65 AFWL/RAEM(a)/ESD(gs)/ESD(t)

ACCESSION NR: AP5001177

P/0034/64/000/012/0558/0560

AUTHOR: Stefaniak, T. (Master engineer); Wolinski, W. (Doctor, Engineer) B

TITLE: Multilayer selective dielectric mirrors for a wavelength of 1.15 microns

SOURCE: Pomiary, automatyka, kontrola, no. 12, 1964, 558-560

TOPIC TAGS: dielectric mirror, multilayer mirror, selective mirror, quarterwave dielectric coating, metal dielectric mirror, laser optics, helium neon laser, mirror reflectivity

ABSTRACT: The paper describes the principles of multilayer quarterwave dielectric coatings showing the properties of selective mirrors of high reflectivity. The indices of refraction of the layers alternate; starting from a dielectric substrate they are high-low-high, etc. A curve of the theoretical reflectivity of such a multilayer system as a function of phase delay ($\pi \lambda_0 / \lambda$) is shown for the case of zero absorption. Another method of obtaining very high reflectivities is the use of metal-dielectric mirrors. In this case, as high reflectivity is obtained by superimposing quarter-wave dielectric layers on a metal substrate. The indices of refraction of the dielectric layers alternate low-high-low, etc. starting from the metal. Multilayer dielectric and metal-dielectric coatings were em-

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L 19764-65

ACCESSION NR: AP5001177

ployed in laser resonators for $\lambda = 1.15$ micron. The coatings were produced by sputtering in a 3×10^{-5} mm Hg vacuum maintained automatically. Suitable programming of the vacuum was found to have a marked effect on the quality of the deposited layers. Non-uniform deposition of the layers causes scattering of the reflected radiation. Absorption of radiation is minimized by using optimal rates of evaporation (deposition) and employing materials of a high purity. A method of measuring the reflectivity and transmittancy of the coatings is described. At $\lambda = 1.15$ microns the experimental error in the measurement of reflectivity was estimated to be $\pm 0.2\%$. The best results (from the standpoint of the output power of a He-Ne laser) were obtained for 13-layer ZnS and MgF₂ dielectric mirrors; their measured reflectivity was $99.4 \pm 0.2\%$, and the measured transmittancy was 0.3%. Absorption and scattering losses of dielectric layers are insignificant. A still better laser operation was obtained by replacing one of the dielectric mirrors with a metal-dielectric mirror which had a substrate made of sputtered gold and 10 layers of ZnS and cryolite; for $\lambda = 1.15$ microns its reflectivity was estimated to be 99.997%.

Orig. art. has: 6 figures and 16 formulas.

ASSOCIATION: Centralne Laboratorium Aparatow Pomiarowych i Optyki, Warsaw
(Central Laboratory of Measuring Apparatus and Optics); Katedra przyrzadow elektronowych Politechniki Warszawskiej (Department of Electronic Instruments), Warsaw
Polytechnic Institute)

Card 2 / 3

L 19764-65
ACCESSION NR: AP5001177

SUBMITTED: 00

ENCL: 00

O
SUB CODE: MT, EM

NO REF SOV 000

OTHER: 009

ATD PRESS: 3160

Card 3/3

L 14454-65 EEO-2/EWG(j)/EWA(k)/EWT(d)/FBD/EWT(1)/EPF(c)/EEG(k)-2/EEG(m)-2/
EEC-4/EPR/EEC(t)/T/EEC(b)-2/EWP(k)/EED-2/EWP(b)/EWA(m)-2/EWA(h) Pm-4/Pn-4/Po-4/
Pf-4Pac-4/Pr-4/Ps-4/Peb/Pi-4/Pu-4/Pl-4 IJP(c)/AFWL/BSD/ASD(a)-5/SSD/AFETR/AFTC(p)/
RAEM(a)/RAEM(c)/RAEM(e)/ESD(gs)/ESD(t) WG/JD P/0053/64/000/007/0313/0319
ACCESSION NR: AP4045929

AUTHOR: Paszkowski, Bohdan; Wolinski, Wieslaw; Adamowicz, Tadeusz; ^B
Nowicki, Marian; Stefaniak, Tadeusz; Kowalski, Andrzej

TITLE: He-Ne gas laser of the Warsaw Polytechnic Institute

SOURCE: Przeglad elektroniki, no. 7, 1964, 313-319

TOPIC TAGS: helium neon ²⁵laser, laser mode excitation, laser modu-
lation, laser output analysis, laser material

ABSTRACT: The new He-Ne gas laser of the Katedra Przyrzadow Elektronowych Politechniki Warszawskiej features a steel optical bench on which the optical system and laser tube are mounted coaxially. An improved arrangement of the eccentric mirrors allows them to be inserted from the outside and to be centered in their sockets. Three micrometer screws hold them perpendicular to the optical axis of the system, and small deflections are made possible by additional

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L 14454-65

ACCESSION NR: AP4045929

regulating screws. The resonator mirrors are of crown glass covered with 13 dielectric layers of ZnS and MgF₂, with a radius of curvature of 1300 mm. At 1.153 microns, the coefficient of reflection was 99.5% and 99.99% and the coefficient of transmission was 0.3 and 0%, without and with a gold coating, respectively. The quartz laser tube, 1150 mm long and 12 mm in diameter, was found to resist power leakage only when the side quartz-glass windows were fused directly to the tube by a torch and cooled gradually. Setting and adjusting of the entire system was effected with the aid of an autocollimator. The medium was a He-Ne mixture at a helium-to-neon pressure ratio of 0.7 to 0.1 mm Hg. Excitation was by means of an external high frequency ($f = 30$ and 40 Mc) or an internal DC field. Maximum tube power is produced by a larger number of electrodes (5--8 per meter), whereas the greatest degree of output power modulation and minimum distortion is achieved with the smallest number of electrodes (3 per meter). The laser radiation power was determined with the bench thermally uncompensated, using a germanium photodiode standardized against a black body. To obtain

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L 11454-65

ACCESSION NR: AP4045929

2

the true radiation power, account must be taken of the damping by the filter-objective system, which amounts to 50.7%. Other laser characteristics are: maximum output rate 12.5 μ w/w, mode stability better than 8 hours, and divergence angle $\approx 5'$.

ASSOCIATION: Katedra Przyrzadow Elektronowych Politechniki Warszawskiej (Department of Electronic Devices, Warsaw Polytechnic); Centralne Laboratorium Aparatury Pomiarowej i Optyki (Central Laboratory of Measurement and Optical Apparatus); Polskie Zaklady Optyczne (Polish Optical Plants)

ENCL: 00

SUBMITTED: 00

OTHER: 003

SUB CODE: EC

NO REF SOV: 000

Card 3/3

STEFANIAK, Tadeusz, mgr inż.

Interference filters $\lambda = 590 \text{ nm}$ and $\lambda = 546 \text{ nm}$.
Pomiary 8 no. 9:448-449 S 162.

STEFANIAK, W.

Arteriography in dogs. Med.wer. 6 no.1:20-25 Ja '50. (CLML 19:2)

1. Of the Surgical Clinic of the Veterinary Department of the
University of Warsaw (Head -- Prof. Josef Kulzycki, M.D.).

STEFANIAK, Wiktor(Warszawa)

Research on the state of blood circulation in neoplasms of the bones.
Rocznik nauk roln. wet. 70 no.1/4:96-97 '60. (EEAI 10:9)

(BLOOD) (BONES) TUMORS)

STEFANIAK, Wiktor(Warszawa)

Evaluation of the arteriographic picture of the blood circulation in
the limbs of a horse, using the method of arteriography after surgical
intervention on nerves and vessels. Rocznauk roln wet 70 no.1/4:
99-100 '60.

(EEAI 10:9)

(Blood) (Angiography) (Horses) (Extremities(Anatomy))
(Nerves) (Blood vessels)

STEFANIAK, Wiktor
Surname, Given Names

(2)

Country: Poland

Academic Degrees: Docent, Dr.⁷

Surgical Clinic (Klinika Chirurgiczna), Veterinary Division

Affiliation: (Wydział Weterynarii), Central School of Agriculture (SGGW--
Szkola Glowna Gospodarki Wiejskiej), Warsaw; Director: Prof.

Source: Jozef KULCZYCKI, Dr.

Source: Warsaw, Medycyna Weterynaryjna, Vol XVII, No 7, July 1961, pp 387-

Data: -390.

Data: "Roentgenodiagnosis of Diseases of the Spinal Column in Small
Animals. Part I."

g6

STEEANIAK Wiktor
SURNAME, Given Names

Country: Poland

(?)

Academic Degrees: Docent Dr.

Affiliation: Surgical Clinic (Klinika Chirurguczna), Veterinary Division (Wydzial Weterynarii) Main School of Rural Economy (SGGW-- Szkola Glowna Gospodarki Wiejskiej), Warsaw; Director: Prof Jozef KULCZYNSKI, dr.

Source: Warszw, Medycyna Weterynaryjna, Vol XVII, No 8, August 1961, pp 483-486

Data: "Roentgendiagnosis of Diseases of the Spinal Cord of Small Animals. Conclusion."

139

GPO 931643

STEFANIAK, Wojciech

Tests on using chaff for board production. Przem drzewny 13 no.4:18-
19 Ap '62.

STEFANIACKOWA, Anna (Warszawa)

Anatomicopathological cases of game with regard to the rules on meat
hygiene. Rocznik rolnictwa wet. 70 no.1/4:436-437 '60.
(EEAI 10:9)

(Game and game birds) (Meat)

POLAND

STEFANIACKA, Anna, Dr., Chair of Hygiene of Animal Products
(Katedra Higieny Produktow Zwierzęcych), Veterinary Division
(Wydział Weterynaryjny), SGH [Szkoła Główna Gospodarstwa
Wiejskiego, Main School of Rural Economy] in Warsaw (Director:
Prof. Dr. Jan HAY)

"Graminations of Irradiated Animals from the Standpoint of
Meat Hygiene."

warsaw-Lublin, Medycyna Weterynaryjna, Vol 18, No 11, Nov
62, pp 665-664.

Abstract: [Author's English summary modified] Procedure
and plotted findings are given for a study of the effect of
x rays on the degree of bacteraemia and weight loss in
guinea pigs. Both depend upon the degree of irradiation
and increase with it. No references.

1/1

10

The application of electroreduction in the production of pasteurized and concentrated grape juice. Ivo Šteljeć (Univ., Zagreb, Yugoslavia). *Kemi. u ind.* (Zagreb) 3, 214-20 (1954).—Two C electrodes of 106 sq. cm. at a distance of 10 cm. were used for the electroreduction of 2 l. of fresh grape juice at a const. voltage of 10 v. The reduction was checked by measuring the potential of a smooth Pt electrode immersed in the juice against a standard calomel electrode with Lautenschläger ionometer. Max. reduction was attained after 25 hrs., leaving the sp. gr., dry matter, and sugar contents of the juice practically unchanged. The potential acidity expressed as g./l. tartaric acid dropped from 4.8 to 4.5. The actual acidity before and after reduction expressed in pH was 3.95 and 3.74, resp., 0.137 and 0.195 mg./l. H⁺, amounting to a decrease of 55.3%. Coagulation of colloidal matter and pptn. of Cu resulted. After coneg. the unreduced and reduced juice in vacuum only the latter had a light color and a fresh and aromatic taste. N. Plavšić

SISTANIC, v.

Determination of the pH value of wine. L. Stefanic.
Mit. Klosterneuburg, Ser. A, Reihe II. Wein 4, 134-141 (1954).
A potentiometric method for detg. the pH of wine is de-
scribed. Two quinhydrone electrodes are connected to a
cell, one being in a buffer soln. of pH 4 and the other in the
wine to be detd.; the former is titrated with 0.1N HCl
to equal potential of both electrodes, the e.m.f. being meas-
ured with a galvanometer with a sensitiveness of $2.7 \times$
 10^{-3} amp. By aid of the HCl used the pH is read off
from a calibration table. Friedrich Epstein

STEFANICKA-WIECHOWA, Alina

A rare case of ascaridiasis complicated by diffuse peritonitis
in a two-year old boy. Polski tygod.lek. 10 no.22:721-723 30
Maj '55.

1. Z Zakladu Anatomii Patologicznej A.M. w Krakowie; Kierownik
prof. dr Janina Kowalczykowa) Krakow, Zaklad Anatomii Patolo-
gicznej, ul. Grzegorzecka.

(ASCARIASIS, complications

peritonitis, diffuse, in 2 years old boy)

(PERITONITIS, etiology and pathogenesis

ascariasis, in 2 years old boy)

KUNICKI, Adam; STEFANICKA-WIECHOWA, Alina

Phase-contrast microscopy in the diagnosis of central nervous system
tumors. Acta medica polona 2 no.5:211-216 '61.

1. Department of Neuropathology, Polish Academy of Sciences, Cracow
Director: Prof. Dr. Adam Kunicki.

(BRAIN NEOPLASMS diag) (MICROSCOPY)

STEFANICKI, Ignacy

"Kniga, issladovaniia i materialy". Reviewed by Ignacy
Stefanicki. Poligrafika 13 no.7: Jl '61.

SKARPIKOWSKI, M.

Atom, basic materials. (In 16 mmound.) p. 12.
GROMADZKI MUSEUM, Warsaw, Vol. 11, no. 43, June 1955.

SI: Monthly List of East European Accessions, (AMI), EC, Vol. 4, no. 10, Oct. 1955,
Encel.

Al Capone's radio show.
"Capone's Radio Show," (Continuation) p. 13.
"Capone's Radio Show," (Continuation), Vol. II, no. 2,
June 1955.

See: ~~available~~ list of last European accessions, (G.G.L.), LC, Vol. 4, no. 40, Oct. 1955,
-incl.

ALL NR:

AT6036306

SOURCE CODE: PO/2546/65/000/007/0003/0019
AUTHOR: Michnowski, St.; Nguyen Manh Duc; Stefanicki, K.

ORG: [Michnowski, Stefanicki] Committee of International Geophysical
Cooperation, Polish Academy of Sciences, Warsaw; [Nguyen Manh Duc] Vietnam
Meteorological Service, Hanoi

TITLE: Activities of the atmospheric electricity station in Cha-Pa, 1958-1959.
Part I

SOURCE: Polska Akademia Nauk. Zaklad Geofizyki. Materiały i prace, no. 7,
1965. Cha-Pa Observatory atmospheric electricity and radioactivity data,
1958-1959, 3-19

TOPIC TAGS: atmospheric electricity, atmospheric radioactivity, radioactive
fallout, International Geophysical Year, geophysics, meteorology, geophysic
observatory, meteorologic station, aerologic station, geomagnetic station,
atmospheric electric field, atmospheric electric precipitation

ABSTRACT: One of the aims of Polish Vietnamese Cooperation in Geophysics

APPROVED FOR RELEASE: 08/25/2000

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CIA-RDP86-00513R001653020020

ACC NR: AT6036806

under the International Geophysical Year was to establish a geophysic observatory in Cha-Pa ($22^{\circ}20'N$ - $103^{\circ}50'E$; 1,570 m above sea level). Originally, the observatory consisted of meteorologic, aerologic, and geomagnetic stations. IGY readings there led to the installation of the station for the observation of atmospheric electricity, the first such station in Southeast Asia, and one of the few in tropical countries. The present paper is the first of the observatory's publications on the measurements and observation of atmospheric electricity obtained during the initial period of operations. It covers measurement of the potential electric field gradient at the Earth's surface, and of radioactive pollution of the air and precipitation. Potential gradient data were worked out by St. Michnowski, Nguyen Manh Duc, and K. Stefanicki, while atmospheric radioactivity data for 1958-1959 were prepared by St. Michnowski and Nguyen Manh Duc. Among the Vietnamese members manning the Cha-Pa atmospheric electricity station in 1957-1959 were Nguyen Duong, Nguyen Tac Nhan, Nguyen Manh Duc, and Dao The Ngu, while one of the three Poles, K. Stefanicki, J. Bulik, or St. Michnowski, collaborated with them in rotation for six-month periods. Air pollution sampling and description (beta activity fallout, beta activity precipitation, and beta activity of the air) was based on practical experience of the Legionowo Station (Polish State Institute of Hydrology and Meteorology) and the Cracow Station Department

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ACC NR: AT6036806

of Physics, Academy of Mines). At the present time the Cha-Pa station is operated by the Vietnam Meteorological Service and the Vietnam Committee on International Geophysical Cooperation. The Committee of International Geophysical Cooperation, Polish Academy of Sciences, continues collaboration through scientific assistance. Orig. art. has: 2 figures (Cha-Pa location). [DR]

SUB CODE: 04, 08, 18, 20/SUBM DATE: none/ORIG REF: 007/SOV REF: 003/
OTH REF: 012/

Card 3/3

42020

S/169/62/000/010/033/071
D228/D307

3.5200

AUTHOR:

Stefanicki, Kazimierz

TITLE:

A-22-III radiosonde

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 10, 1962, 6-7,
abstract 10B40 (Gaz. obserw. P.I.H.M., 14, no. 12,
1961, 6-11 (Pol.))

TEXT: The A-22-III radiosonde is a further development of the P3-049 (RZ-049) Soviet device, the prototype of which is the Molchanov radiosonde. Its characteristic feature is the code device, by means of which the atmospheric pressure, temperature, and relative humidity are transmitted in Morse in two-digit numbers. The atmospheric pressure is received by Vidi boxes that are very well compensated thermally. The temperature sensing element is a fine bimetallic spiral with an inertial coefficient of ~ 3 sec. The relative humidity is received by an organic film also having low inertia. The needles of the meters are pressed to the coding system's contacts only during transmission; they settle freely at other

Card 1/2

A-22-III radiosonde

S/169/62/000/010/033/071
D228/D307

times. A series of positive features of the radiosonde is noted: the strength, the elastic frictionless connection of the sensing units with the contacting needles, the direct connection of the bimetallic spiral with the pointer. The technical data cited in the article satisfy the requirements of aerologic practice. With no electric battery it weighs 650 g, the total weight being 1 kg. The dimensions of the device are 175 x 125 x 230 mm. The technique by which the radiosonde is discharged is described. The signals are received by ear or semi-automatically, by pressing during reception upon the corresponding keys, like on a typewriter. A table of the daytime corrections for the temperature data in relation to the pressure level and the sun's elevation is given. For example, at a reading of 10 mb and when the sun's elevation is 90°, the maximum correction equals - 9.3°C. The A-22-III radiosonde is adapted to radiotheodolite measurements. An A-22-IV type is being developed; in it the air vane will be replaced by an electric motor, while the signals will be received and recorded automatically.

[Abstracter's note: Complete translation]

Card 2/2

BALAS, A.; GORGO, P.; RANKY, L.; STEFANICS, J.

Significance of phlebography in diagnosis and surgery of
venous diseases of the lower extremity. Magy. radiol. 3
no.2:49-56 1951. (CIML 20:11)

1. Doctors. 2. First Surgical Clinic (Director -- Prof.
Dr. Gyula Sebesteny), Lorand Eotvos Medical University,
Budapest.

GORGÓ, P.; RANKY, L.; STEFANICS, J.

The diagnostic significance of retrograde phlebography in post thrombotic syndrome. Orv. hetil. 94 no.23:632-634 7 June 1953. (CLML 25:1)

1. Doctors. 2. First Surgical Clinic (Director - Prof. Dr. Gyula Sebesteny, Doctor Medical Sciences) of Budapest Medical University.

SEBESTENY, G.; STEFANICS, J.

Recent aspects of surgical treatment of disorders after cholecystectomy. Orv. hetil. 94 no.39:1065-1068 27 Sept 1953. (CIML 25:5)

1. Doctors. 2. First Surgical Clinic (Director -- Prof. Dr. Gyula Sebesteny), Budapest Medical University.

STEFANICS, Janos, dr.; GORGO, Pal, dr.; PAPP, Sandor, dr.; RANKY, Laszlo, dr.

Lumbar sympathectomy in obliterative arteriosclerosis of the lower extremities. Orv. hetil. 95 no. 34:920-927 22 Aug 54.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Sebestyeni Klinika-janak (igazgato: Sebesteny Gyula dr. egyetemi tanar) kozlemenye
(SYMPATECTOMY, in various diseases
arteriosclerosis obliterans)
(ARTERIOSCLEROSIS, therapy
lumbar sympathectomy in obliterative arteriosclerosis
of legs)

STEFANICS, Janos, dr.; PAPP, Sandor, dr.; GORGO, Pal, dr.; RANKY, Laszlo, dr.

The problem of medicamentous and operative vasodilation in obliterative
arteriosclerosis of the lower extremities. Magy. sebeszet 8 no.1:41-
52 Feb 55.

(ARTERIOSCLEROSIS
obliterans, peripheral, ther., vasodilatators & lumbar
sympathectomy)

(SYMPATHECTOMY
lumbar, in peripheral arteriosclerosis obliterans)

(VASOMOTORS DRUGS, ther. use
vasodilators in peripheral arteriosclerosis obliterans)

STOFANICS 5

U-3

HUNGARY/Shock

Abs Jour : Ref Zhur - Biol., No 6, 1958, Nc 27665

Author : Gorgo, P., Ranky, L., Stofanics, J.

Inst : Not Given

Title : Angiographic Studies in Experimental Shock

Orig Pub : Acta med. Acad. sci. hung., 1956, 9, No 4, 289-320.

Abstract : By means of ioduron injections, the roentgenograms were obtained of pulmonary circulation and abdominal cavity (the portal vein, hepatic, pancreatic and mesenteric arteries) in dogs during hemorrhagic shock (8), as well as during the shock induced by tourniquet application (8) and injection of alcohol into the pancreas (12). In all cases of shock the vessels under study were constricted and the size of the hearts was diminished. The portal vein as well as hepatic and pancreatic arteries, which were repeatedly roentgenographed during "pancreatic shock", became dilated and resumed their normal appearance 30 minutes after bilateral severing of splanchnic nerves.

Card : 1/1

H

PAPP, Sandor, dr.; STEFANICS, Janos, dr.; GORGO, Pal, dr.; RANKY, Lasslo, dr.

Spontaneous aneurysms of popliteal arteries. Magy. sebeszet 10
no.1:42-48 Mar 57.

1. A Budapesti Orvostudomanyi Egyetem III. sz. Sebeszeti
Klinikajának közleménye Igazgató: Kudasz, József, dr. egyetemi
tanár.

(ARTERIES, POPLITEAL, aneurysm
spontaneous, surg. (Hun))

STE'PANICS, Janos, Dr.; GORGO, Pal, Dr.; PAPP, Sandor, Dr.

Sclerosis of Oddi's sphincter. Magy. sebeszet 10 no.5-6:305-312
Oct-Dec 57.

1. A Budapesti Orvostudomanyi Egyetem III. sz. Sebeszeti Klinika janak
kozlemenye Igazgato: Kudasz Jozsef dr. Egyetemi tanar.

(BILE DUCT, COMMON, dis.
sclerosis of Oddi's sphincter, x-ray diag. & surg. (Hun))

RAZGHA, Andras, dr.; STEFANICS, Janos, dr.; DANIEL, Gyorgy, dr.

Recovery after surgery in bilateral spontaneous compression of
the median nerve. Orv. hetil. 98 no.13:337-339 31 Mar 57.

1. A Budapesti MAV Korhaz es Kozponti Rendelointezet Laboratoriumanak
(igazgato: Oo, Lajos, fr.) s a Budapest Orvastudomanyi Egyetem I.
sz. Sebészeti Klinikajának (igazgato: nehei Sebesteny, Gyula dr.
egyet. tanar) kozlemenye.

(NERVES, MEDIAN, dis.
spontaneous compression, bilateral, in wrist, surg.
& recovery (Hun))

(WRIST, dis.
median nerve compression, spontaneous, bilateral,
surg. & recovery (Hun))

STEFANICS, Janos; GORGO, Pal; PAPP, Sandor

Complaints originating from the diseases of cystic duct stump
after cholecystectomy. Orv. hetil. 98 no.31:839-843 4 Aug 57.

1. A Budapesti Orvostudomanyi Egyetem III. sz. Sebeszeti
Klinikajának (igazgató: Kudasz, Josef, dr. egyet. tanár)
közleménye.
(CHOLECYSTECTOMY, compl.
dis. of cystic duct stump, case reports (Hun))

STEFANICS, Janos, dr.; VIDA, Odon, dr.

Surgery of the bile ducts in the aged. Orv.hetil. 100 no.42:
1512-1515 0 '59.

1. A Masonmagyarvari Varosi Tanacs Korhaza Sebeszeti Osztalyanak
(foorvos: Stefanics Janos dr.) kozlemenye.
(BILE DUCTS surg)

STEFANICS, Janos, dr.; GORGO, Pal, dr.; NEMETH, Gyula, dr.; LANG, Istvan, dr.

Evaluation of preopertative manometry and cholangiography in surgery
of the billiary tract. Orv.hetil. 101 no.31;1089-1095 31 Jl '60.

1. Budapesti Orvostudomanyi Egyetem, II. es III. sz Sebeszeti
Klinika.
(BILLARY TRACT surg)
(CHOLAGIOGRAPHY)